



Sheet 1 of 2		INFORMATION DISCLOSURE STATEMENT						
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) <i>(Use several sheets if necessary)</i> Date Submitted to PTO: June 16, 2005			ATTY DOCKET NO. 2003_1847		SERIAL NO. 10/735,925			
			APPLICANT Mitsuaki OSHIMA					
			FILING DATE December 16, 2003		GROUP 2681			
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>[Signature]</i>	AA	3,824,548	7-16-74	Sullivan et al.				
	AB	3,959,726	5-25-76	Hinoshita et al.				
	AC	4,303,939	12-1-81	Stephens et al.				
	AD	4,303,941	12-1-81	Marti et al.				
	AE	4,309,726	1-5-82	Tanaka et al.				
	AF	4,535,352	8-85	Haskell				
	AG	4,564,858	1-14-86	Resch				
	AH	4,581,639	4-8-86	Judge				
	AI	4,769,819	9-6-88	Matsutani et al.				
	AJ	4,794,447	12-27-88	Tsinberg				
	AK	4,800,426	1-24-89	Glenn				
	AL	4,817,192	3-28-89	Phillips et al.				
	AM	5,007,088	4-9-91	Ooi et al.				
	AN	5,029,003	7-91	Jonnalagadda				
<i>[Signature]</i>	AO	5,134,464	7-28-92	Basile et al.				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>[Signature]</i>	AP	5-327807	12-10-93	Japan			abstract	
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)								
<i>[Signature]</i>	AQ	Masafumi SAITO et al., "Bit Error Rate Characteristics of OFDM in Multipath Environment", 1991						
<i>[Signature]</i>	AR	Ryutaro OHMOTO et al., " $\pi/4$ -shift QPSK Subcarrier Transmission", 1991						
EXAMINER	<i>[Signature]</i>		DATE CONSIDERED	<i>9/7/05</i>				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

ATTY DOCKET NO.
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10/735,925U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: June 16, 2003

APPLICANT
Mitsuaki OSHIMAFILING DATE
December 16, 2003GROUP
2681

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	AA	5,181,112	1-19-93	Citta et al.			
<i>[Signature]</i>	AB	5,377,051	12-27-94	Lane et al.			
<i>[Signature]</i>	AC	5,400,084	3-21-95	Scarpa			
<i>[Signature]</i>	AD	5,576,902	11-19-96	Lane et al.			
<i>[Signature]</i>	AE	5,218,622	6-8-93	Fazel et al.			
<i>[Signature]</i>	AF	5,561,468	10-1-96	Bryan et al.			
<i>[Signature]</i>	AG	5,598,220	1-97	Citta et al.			
<i>[Signature]</i>	AH	5,214,656	5-25-93	Chung et al.			
<i>[Signature]</i>	AI	5,802,241	9-1-98	Oshima			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>[Signature]</i>	AJ	7-264148	10-13-95	Japan			abstract
<i>[Signature]</i>	AK	7-322219	12-8-95	Japan			abstract
<i>[Signature]</i>	AL	3-48587	3-1-91	Japan			abstract
<i>[Signature]</i>	AM						
<i>[Signature]</i>	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	AO	J. A. C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come", IEEE Communications Magazine, Vol. 28, May 1990, pages 5-8 and 11-14
<i>[Signature]</i>	AP	B. Hiroasaki, "An Orthogonally Multiplexed QAM System Using the Discrete Fourier Transform", IEEE Transactions on Communications, Vol. Com-29, No. 7, July 1981, pages 982-989
<i>[Signature]</i>	AQ	L. J. Cimini, Jr., "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", IEEE Transactions on Communications, Vol. Com-33, No. 7, July 1985, pages 665-675 and Annex

EXAMINER

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DATE CONSIDERED

9/7/03